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capacity [LHWX24]. **Capel** [BBF+25]. **capsules** [TKC+21]. **capture** [TAE+21]. **capturing** [LF24]. **Caravel** [ADC+21]. **carbon** [PK24, PWC24]. **cardiovascular** [AFB+24a]. **Carlo** [DVB+25b, ABGD+20, ASPDL+21, ASPDL+25, ACD+22, AJW+21, BRAC23, BB21, BCF+24, BKO20, BRA+25, BKS24b, BIK+21, BKBL22, BKG+23, CCM20, CRZ25, CCW+25, DRSZ23, DDM20, DdCAG23, DVB+25a, ELSV24, FXQS21, GJA21, GAGO21, GHK20, HT24, HLMB24, HQF+20, Hua23, HSMR+24, Ilt21, JWW+23, JKKN23, JĎD+21, KOT23, Kal20, Koł22, Koł23, Koł25, LEE+24, LMWW24b, LAC21, LTMK21, LS24, LGZ+25, LLL24b, LC24, LHWX24, MMM23, MDL+25, Mil25, MT23, NL23b, Nie22a, NVT25, OHMK25, OBL+21, OB25, PAZ+22, PLT+23, PYT+24, PPR+21, PC21, RSC+22, RCB21, Roh22, SNP+20, SJP+21b, SKS25, SHS22, SNG20, SLIC24, SFG+25, TAY+24, WAN+22, WSRO24, WZPW20, YLK+20, ZLH+25, ZHS+20, ZDLS21]. **Carlo-effective** [PC21]. **carlomat** [Koł25]. **carlomat_4.0** [Koł22]. **carrier** [KP25, TQGE23]. **Cartesian** [HG22, LEE+21a, RVRT22]. **Cascade** [CB25, CLZ+21, SZY+22]. **Cascaded** [AHP21, ZPZH20]. **cascades** [BKO20, EES24]. **case** [ABFP24, Jia20, TPS+24, VG25]. **catalysts** [RSC+22]. **Catalytic** [KBSH20, LFP25]. **Causal** [Bel24, CDT22]. **cavitation** [SSPF24]. **cavities** [BBA+20, DKRSR22, WYHW24]. **Cayley** [SPG25]. **CBM** [GBJ+21, SCF20]. **CCA** [TCY+21]. **CCS** [KWK+21]. **CDFTPY** [VCF22]. **CDPDS** [KR23]. **CDT** [BLG24]. **cdugksFOAM** [WLZ+24, GWZ+25]. **CEL** [JHH+25]. **Celebrating** [SHB+20]. **Celeris** [TL20]. **Cell** [FAL21, YYC+23, AL24, ACT25, ASC+24, BCHE21, BC21, LLG+24, BTK24, sCyW25, CTZW23, CCW+25, DBH+22, FN21, FYM+22, GTB24, HSSC25, KRCY25, LMX+21, LAD+21, LM20, LSL+25, LZLT25, MFS+22, MRTL25, Mar22, MRH+23, MLT+21, NTO24, OCR+22, PSMRS+23, PGYF21, RC23, SXYD24, SCZP+25, SWB+23, TWR21, Ume22, XSM22, XHY+24, YC20, YWX+23, ZK20, ZDSS23, ZLS+22, DFG+23, DWD+24, FAL20, FA21, KG21, OGL+21, SAC+21]. **cell-centered** [PGYF21]. **Cell/Monte** [JĎD+21]. **CellListMap.jl** [Mar22]. **cells** [BMP+24, LLR23, ZHM+24]. **cellular** [SYFT23, XZYS25]. **Center** [SMO+20a, BKP22, BJS+23, GDS+21, LM22, MHP23, SSB+23, XQ21]. **center-evolving** [LM22]. **centered** [HLzY+20, LCL+23, PGYF21]. **centering** [ZLS+22]. **central** [AAG+24, For22, GST21, WGG20]. **centrality** [YZL+23]. **CepGen** [For22]. **cepstral** [EBBB22]. **ceramic** [WLLS25]. **cerebral** [dMMLOS20]. **Cerman** [MHÅ21]. **CERN** [KGSL25]. **CESE** [SZW25]. **CFD** [ADF+22, BBA25, LSS+25, PCS+23, SJWL22, ZGF+24, AFB+24a]. **CFL** [TÁFAB+24]. **CGMF** [TSJ+21]. **CGNSDE** [CCW24]. **Chain** [HSMR+24, HQF+20, LWhK+20, LTMK21, MMM23, VFS23, WGS+22, EGKH24]. **chains** [EGKH24, LF20]. **chalcogenides** [SKS24]. **chambers** [BIL25, TAGC22a]. **Chandrasekhar** [Jab20]. **Change** [BFG24, RSD20, SRT+20]. **channel** [CGV+22, GOS+22]. **channeling** [Nie20]. **channels** [ABWZ23, CMS24]. **Chaos** [GBJ+21]. **chaotic** [SRML20].

[OS24, YP24]. **controlled-source** [YP24]. **Controlling** [BKB^{+}21].
CONUNDrum [GM20]. **convection** [HA21, RSD20, SRT^{+}20, XDF20].
convective [KKPC23, DYLV25]. **convergence**
[ABFP24, DTGE21, JG24, TDD^{+}25]. **convergent** [WLF^{+}23]. **conversion**
[ACKB23, PPK22, ŻTR^{+}22]. **Converter** [ACKB23]. **convex**
[CBCZ^{+}25, DG25b, LHG^{+}20, MHK24a, Yan24a]. **convolutional**
[GdLSB25, MZM^{+}25, TAGC22a, ZZ25]. **COOL** [YGZG25]. **CooLBM**
[ANS25]. **cooled** [ZLH^{+}25]. **CoolFOAM** [FCSP20]. **cooling** [EBNS22].
CoolProp [FCSP20]. **CoOMBE** [PW25]. **Cooper** [PTD20]. **coordinate**
[BR20a, CLS^{+}22a, CCW^{+}25, MSU^{+}21, WH23, WXX24, YJ24].
coordinate-scaled [BR20a]. **coordinate-space** [CLS^{+}22a]. **coordinates**
[ALB22, BJS^{+}23, CZB^{+}23, DSY25, LZLT25, SSB^{+}23, TW25]. **copolymer**
[CZY20, LM21a, WXZ^{+}24]. **copolymer/homopolymer** [LM21a]. **core**
[CXCZ23, CL21, KMM21, OGL^{+}21, SDL^{+}21, WGJY25]. **corepresentations**
[LZYY23]. **cores** [WWM^{+}22]. **corona** [DBR24]. **coronaChargingFoam**
[YFL22]. **corrected** [AKK^{+}24, KKM^{+}20, SA23, SA25]. **correction**
[CS22a, JGSE25, MD20a, SvdW24, VSVV25]. **corrections**
[BKG^{+}23, KM20, KMS20b, WLCF21]. **correlated**
[AMK24, BS23, HAM^{+}20a, KSM^{+}25, LKYH25, PAG^{+}25, SP23, SX25].
correlation [BFE^{+}25, Bzo21, LWZD25, PSK^{+}24, SZL^{+}25].
CorrelationFunctions.jl [PSK^{+}24]. **correspondence** [WLZ^{+}25].
corresponding [CGV^{+}22]. **Corrigendum** [AAT^{+}20, Ano20c, DVB^{+}25b,
HM24b, MKPW22, MOMO25, MSHP20, Och23a, Pag24a, SGY25, ZYX22].
CORSIKA [AAA^{+}25]. **cortex** [dMMLOS20]. **COSE** [GLW^{+}23]. **Cosmic**
[MA25, GB24, Mau20, MNS^{+}24, SBG23, VPPQ21]. **Cosmic-Ray**
[MA25, Mau20]. **cosmological** [Bar22a, CB25, VPPQ21]. **cosmologies**
[AAHJ20, Kar23b]. **cosmology** [CFPS23, ABF^{+}25]. **Cost** [RL21].
Cost-efficient [RL21]. **Coulomb**
[AB21, CXCZ23, DL24, RZ23, SSB^{+}23, TRN^{+}24, TNL^{+}22, LLR25].
counterflow [YA25]. **counting** [GvdBdGN24, ZWG^{+}24]. **COUP**
[AKK^{+}24, KKM^{+}20]. **Coupled** [KR23, ASU^{+}21, BKRG22, BGW^{+}22, Car25,
CZY20, CGV^{+}22, CMS24, DGHA25, GTMB21, HLY25, JLL^{+}24, JĎD^{+}21,
KRG21, KMBP24, KSF^{+}22, Koz23, KFPV21, KBSH20, LM21a, LZZ^{+}25,
MEC^{+}24, ST25, MPH^{+}24, MVAXP22, MV25, MBA21, MASFP25, OCC23,
PTH24, PBC^{+}24, PPKK21, RVM^{+}21, STRF^{+}20, TWR21, VGGP^{+}21, Xav22,
XPF^{+}24, ZCWY20, ZS24, Zho23, ZCD^{+}25]. **coupled-channel** [CGV^{+}22].
coupled-cluster [PPKK21]. **CoupledElectricMagneticDipoles.jl**
[MASFP25]. **Coupling** [MEDT^{+}23, RSC^{+}22, YLK^{+}20, AG21, BRHT21,
CFBRE25, CCC20, Dau23, FLW^{+}25, Gai20, GF21, GOCSS^{+}23, HTL^{+}22,
JMOC21, LLC^{+}23, LACL24, ÖAÖ25, PDD24, SHRK22, TLC^{+}21, WGJY25,
Wan25b, WXZH24, XLL^{+}22, YD20, ZLH^{+}25, Gai20]. **couplings** [HLM22].
covariation [HL21]. **CP** [LEE^{+}21a]. **CP2K** [CL25]. **CP3d** [GWA^{+}23].
CPAFT [MHLY25]. **CPC** [SHB^{+}20]. **CPL** [STRF^{+}20]. **CPU**
[ALBL25, BL25b, DMS^{+}22, Dür23, GB22, HG22, PSK^{+}24, RCX24, SBG23].

primordial [BBM^{+}25]. **principal** [EGKH24, LS23, Yev21, FMT24]. **principle** [Jia20, RCGS25]. **Principles** [NI22, AM21a, BCTS22, Dan24, KvdW20, LLS^{+}21, LLZ^{+}22, MBTB21, MPN^{+}21, Och23a, Och23b, PB23, SDL^{+}21, SZL^{+}25, TAE^{+}21, XLX^{+}24, YI22, YJLW21]. **printing** [JLW24]. **prismatic** [ZLH^{+}25]. **probabilistic** [DYH^{+}25, SGPTG25]. **probabilities** [DRSZ23, LSC^{+}25]. **Probability** [PYT^{+}24, BKS24a, PLT^{+}23]. **Probability-conserved** [PYT^{+}24]. **probe** [AUO^{+}22, AES21, OYG^{+}24, YMCF23]. **probe-particle** [OYG^{+}24]. **Probing** [JNVC^{+}25]. **problem** [Ano20c, BHK25, CdBMdAS^{+}21, ELSV24, KK16, LS25, LLH^{+}21b, SSB^{+}23]. **problems** [AG21, ACS^{+}22, ATC^{+}23, BKP22, BSK^{+}22, BDR^{+}20, CJZ21, DNG^{+}20, FAZ24, FYW23, HAM^{+}20a, Her25, JRG21, JM24, KKPC23, LYZL24, LF20, LLL25b, MM22, PGYF21, PPKK21, Pod25, RCB^{+}20, Scr22a, SGY24, SGY25, SLC^{+}22, TGS^{+}20, VPS23, VHBK21, VTB^{+}21, WWZ^{+}23, WHSK24, XLFL25, YYY22, ZJ23]. **procedure** [CEC^{+}24, KM23]. **Process** [RBV^{+}22, BKE^{+}25, GAJK23, HA23, LJC^{+}25]. **processes** [CRZ25, CF21, DAA^{+}24, For22, GPD^{+}22, HMSV23, HQRR20, KKSV24, KMS20a, MBG^{+}20, MT23, RCB21, SKS25, SXC^{+}25, SC22, WBvdH20, ZHM^{+}24]. **Processing** [AGH21, AM21a, CLH^{+}25, CEC^{+}24, DC22, Ham20b, HTH^{+}20, HCAH^{+}24, KvH21, LR22, MBDD25, RdSH^{+}24, SPTPR21, TOV25, WGGC22, WICA22, WKJB23, YZZ^{+}23, ZDJ25]. **processor** [MPSK21, OLNG21]. **processor-based** [OLNG21]. **Procrustes** [MRT^{+}22]. **produced** [MXH^{+}24]. **product** [CCK23, GDB10, SKM^{+}21, TWW22, XFGS24, YT22]. **Production** [AJW^{+}21, AZH^{+}24, BKBL22, GBJ^{+}21, JWW^{+}23, KOT23, SCAP24, YZW22, AEG^{+}25]. **Professor** [Haz23]. **profiling** [Dry21, MMC^{+}22]. **Program** [AJW^{+}21, BBA^{+}20, DL24, Dio23, Efr20, AKK^{+}24, ADW^{+}23, BOSM24, BDP^{+}21, BN20, BN23, BYL^{+}21, BKBL22, CPG^{+}25, Cas24, CGZ^{+}20, CWC25, CGV^{+}22, DDM20, FO20, FO21, Gai20, GTMB21, GM20, GHT25, GJJN23, GFD^{+}24, GSV23, Hor23b, Hor24, HHMH^{+}22, HHT^{+}24, KKM^{+}20, KL25, Kol22, KM20, KMS20b, LKYH25, LSC^{+}25, LGBJ20, LZP^{+}24, LQ21, LQGL21, MBJB24, MSN^{+}22, MONW21, MPZB^{+}24, MZ22, NBC^{+}24, NAZ^{+}22, OYC24, PBK21, Roh22, RUV20, SLP^{+}22, SMO^{+}20a, SFBG20, SLZG20, SMB20, SLL^{+}24, SZT24, UAWW25, VG25, WGG20, WLZ^{+}24, WAYL23, fWL24b, Xav22, XWYQ21, YLLW24, YP24, YLH^{+}20, ZLLM23, ZXT22, ZBS^{+}23, ZXT23, ZTH^{+}25, ZJS^{+}20, ZZ21b, DBdFdSR21]. **programmed** [SKC21, SC22]. **programming** [EVMP20, ENK24, FSMM24, FLW^{+}23, Par21, UBL25, ZWLX25]. **programs** [BKRG22, FN23, KSDH23, KRG21, PW25, SZ24a, YSMBA23]. **project** [GAA^{+}20, BMREC21]. **projected** [ATRD21]. **projection** [BIL25, ST23a]. **prolate** [SSB^{+}23]. **Prometheus** [LMBH^{+}24]. **prompt** [WNV^{+}25, PYT^{+}24]. **prompt-fission** [WNV^{+}25]. **propagate** [AAA^{+}25, SLP^{+}22]. **propagating** [BXW^{+}25]. **propagation** [AAD^{+}24, App25, ASW22, BBMS25, CB25, Koz23, MHÅ21, MR22, MS24, Mau20, MD22, MZL^{+}21, NRG24]. **propagator** [DZF25, Din25, LG21a, LG21b, Nog21a, PBC^{+}24, RUV20]. **proper**

[SXY25]. **XLB** [AS24b]. **Xsorb** [PRR23]. **XtalOpt** [HZ24]. **XTOR** [NDFL24]. **XTOR-K** [NDFL24].

YADE [ABB+24b, KGT22, CCC20]. **YAM2** [Par21]. **Yan** [AFJ+23]. **years** [SHB+20]. **yield** [HA23]. **yiElds** [MBF+24]. **Ying** [Pen24]. **ython** [VMRFC23].

Z' [LSZ23]. **Z'-explorer** [LSZ23]. **Z1** [KDHL23]. **Z2** [GBR23]. **Zapdos** [DIK+23]. **ZEFR** [RCW+20]. **zero** [DH20, MOMO24, MOMO25, WLK+25]. **zero-dimensional** [MOMO24, MOMO25]. **Zhang** [Pen24, PWC24, SX25]. **zinc** [HLCD20]. **zinc-blende** [HLCD20]. **ZKCM** [Sai25]. **ZMCintegral** [CZ21, WZPW20, ZW20]. **ZMCintegral-v5** [ZW20]. **ZMCintegral-v5.1** [CZ21]. **ZZPolyCalc** [PWC24].

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Aiello:2025:GCK

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Aiola:2021:HSS

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Aniszewski:2021:PRI

[AACE+21] W. Aniszewski, T. Arrufat, M. Crialesi-Esposito, S. Dabiri, D. Fuster, Y. Ling, J. Lu, L. Malan, S. Pal, R. Scardovelli, G. Tryggvason, P. Yecko, and S. Zaleski. PArallel, Robust, Interface Simulator (PARIS). *Computer Physics Communications*, 263(??):??, June 2021. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465521000175`.

Alameddine:2024:ICL

[AAD+24] Jean-Marco Alameddine, Johannes Albrecht, Hans Dembinski, Pascal Gutjahr, Karl-Heinz Kampert, Wolfgang Rhode, Maximilian Sackel, Alexander Sandrock, and Jan Soedingrekso. Improvements in charged lepton and photon propagation for the software `PROPOSAL`. *Computer Physics Communications*, 302(??):??, September 2024. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465524001668`.

Aiello:2020:GKG

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G. Anton, M. Ardid, J. Aublin, C. Bagatelas, G. Barbarino, B. Baret, S. Basegmez du Pree, M. Bendahman, E. Berbee, A. M. van den Berg, V. Bertin, S. Biagi, A. Biagioni, M. Bissinger, M. Boettcher, J. Boumaaza, M. Bouta, M. Bouwhuis, C. Bozza, H. Brânzaş, M. Bruchner, R. Bruijn, J. Brunner, E. Buis, R. Buompane, J. Busto, D. Calvo, A. Capone, V. Carretero, P. Castaldi, S. Celli, M. Chabab, N. Chau, A. Chen, S. Cherubini, V. Chiarella, T. Chiarusi, M. Circella, R. Cocimano, J. A. B. Coelho, A. Coleiro, M. Colomer Molla, R. Coniglione, I. Corredoira, P. Coyle, A. Creusot, G. Cuttone, A. D'Onofrio, R. Dallier, M. De Palma, I. Di Palma, A. F. Díaz, D. Diego-Tortosa, C. Distefano, A. Domi, R. Donà, C. Donzaud, D. Dornic, M. Dörr, D. Drouhin, M. Durocher, T. Eberl, D. van Eijk, I. El Bojaddaini, D. Elsaesser, A. Enzenhöfer, V. Espinosa Roselló, P. Fermani, G. Ferrara, M. D. Filipović, F. Filippini, A. Franco, L. A. Fusco, O. Gabella, T. Gal, A. Garcia Soto, F. Garufi, Y. Gatelet, N. Geißelbrecht, L. Gialanella, E. Giorgio, S. R. Gozzini, R. Gracia, K. Graf, D. Grasso, G. Grella, D. Guderian, C. Guidi, S. Hallmann, H. Hamdaoui, H. van Haren, A. Heijboer, A. Hekalo, J. J. Hernández-Rey, J. Hofestädt, F. Huang, W. Idrissi Ibnsalih, G. Illuminati, C. W. James, M. de Jong, P. de Jong, B. J. Jung, M. Kadler, P. Kalaczyński, O. Kalekin, U. F. Katz, N. R. Khan Chowdhury, F. van der Knaap, E. N. Koffeman, P. Kooijman, A. Kouchner, M. Kreter, V. Kulikovskiy, R. Lahmann, G. Larosa, R. Le Breton, O. Leonardi, F. Leone, E. Leonora, G. Levi, M. Lincetto, M. Lindsey Clark, T. Lipreau, A. Lonardo, F. Longhitano, D. Lopez-Coto, L. Maderer, J. Mańczak, K. Mannheim, A. Margiotta, A. Marinelli, C. Markou, L. Martin, J. A. Martínez-Mora, A. Martini, F. Marzaioli, S. Mastroianni, S. Mazzou, K. W. Melis, G. Miele, P. Migliozzi, E. Migneco, P. Mijakowski, L. S. Miranda, Z. Modebadze, C. M. Mollo, M. Morganti, M. Moser, A. Moussa, R. Muller, M. Musumeci, L. Nauta, S. Navas, C. A. Nicolau, B. Ó Fearraigh, M. Organokov, A. Orlando, G. Papalashvili, R. Papaleo, C. Pastore, A. M. Paun, G. E. Păvălaş, C. Pellegrino, M. Perrin-Terrin, P. Piattelli, C. Pieterse, K. Pikounis, O. Pisanti, C. Poirè, V. Popa, M. Post, T. Pradier, G. Pühlhofer, S. Pulvirenti, L. Quinn, O. Rabyang, F. Raffaelli, N. Randazzo, A. Rapicavoli, S. Razzaque, D. Real, S. Reck, J. Reubelt, G. Riccobene, M. Richer, S. Rivoire, A. Rovelli, F. Salesa Greus, D. F. E. Samtleben, A. Sánchez Losa, M. Sanguineti, A. Santangelo, D. Santonocito, P. Sapienza, J. Schnabel, V. Sciacca, J. Seneca, I. Sgura, R. Shanidze, A. Sharma, F. Simeone, A. Sinopoulou, B. Spisso, M. Spurio, D. Stavropoulos, J. Steijger, S. M. Stellacci, M. Taiuti, Y. Tayalati, E. Tenllado, T. Thakore, S. Tingay, E. Tzamariudaki, D. Tzanetatos, V. Van Elewyck, G. Vannoye, G. Vasileiadis, F. Versari, S. Viola, D. Vivolo, G. de Wasseige, J. Wilms, R. Wojaczyński, E. de Wolf, D. Zaborov, S. Zavatarelli, A. Zegarelli, J. D. Zornoza, J. Zúñiga, and N. Zywucka. `gSeaGen`: the KM3NeT GENIE-based code for neutrino telescopes. *Computer Physics Communications*, 256(??):??, November 2020. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465520302241`.

Aiello:2024:ESK

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Arbey:2020:AVP

[AAHJ20] A. Arbey, J. Auffinger, K. P. Hickerson, and E. S. Jenssen.

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Alexeev:2020:MHP

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Anonymous:2023:EBh

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Anonymous:2023:EBi

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Anonymous:2023:EBj

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Anonymous:2023:EBk

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Anonymous:2023:EBl

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Anonymous:2023:PN

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[Ano23x] Anonymous. September 2023. *Computer Physics Communications*, 290(??):??, September 2023. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic).

Anonymous:2024:Aa

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Anonymous:2024:Ab

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Anonymous:2024:D

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